

WHAT IS CLAIMED IS:

507
B1

1. An apparatus for directing audio signals between audio transducers and a system, comprising:

a plurality of ports for communicating audio signals with a plurality of audio transducers, at least one of the audio transducers having off hook capability;

a transducer switch, coupled to the plurality of ports, that receives a configuration for the plurality of audio transducers and that, in response to detecting an off hook condition of at least one of the audio transducers having off hook capability, switches audio signals from one of the audio transducers to the off hook audio transducer for which the off hook condition was detected.

2. The apparatus of claim 1, wherein said transducer switch includes:

a controller that receives said configuration; and

a switch, coupled to the plurality of ports and to said controller; and

wherein said switch switches responsive to receiving a signal from said controller to indicate detection of said off hook condition.

3. The apparatus of claim 2, wherein the switch receives a signal from the controller when the off hook audio transducer goes on hook and switches audio signals back from the on hook audio transducer to the another audio transducer.

507
B1

4. The apparatus of claim 2, wherein the switch includes a first switch for selecting one of the audio transducers that does not have off hook capability and a second switch for selecting between the audio transducer selected by the first switch and an audio transducer that has off hook capability.

5. The apparatus of claim 2, wherein the controller receives the configuration for the plurality of audio transducers from a computer system.

6. The apparatus of claim 1, wherein the off hook audio transducer is a normal telephone or conference telephone.

7. The apparatus of claim 1, wherein the plurality of audio transducers are near field microphones, far field microphones, headsets, handsets, auxiliary inputs/outputs, speakers, amplifiers, normal telephone, or conference telephone.

8. The apparatus of claim 1, further comprising:
audio circuitry that communicates audio signals between the transducer switch and the system, said system comprising a computer system.

9. The apparatus of claim 8, wherein said at least one of the audio transducers is a telephony device.

10. The apparatus of claim 8, wherein said apparatus comprises a sound card internal to said computer system.

11. The apparatus of claim 8, wherein the sound card is external to the computer system.

12. The apparatus of claim 1, wherein the apparatus is for use with a computer telephony client.

13. The apparatus of claim 1, wherein apparatus is for use with a voice recognition system, messaging system, or audio server.

14. A method of managing audio transducers, comprising:
receiving a configuration for a plurality of audio transducers, said configuration specifying that audio signals are to be sent to a first audio transducer and received from a second audio transducer;
detecting that a third audio transducer has been turned on;
changing the configuration such that audio signals are received from the third audio transducer instead of the second audio transducer.

15. The method of claim 14, further comprising changing the configuration such that audio signals are sent to the third audio transducer instead of the first audio transducer.

16. The method of claim 14, further comprising:
detecting that the third audio transducer has been turned off; and
restoring the configuration such that audio signals are received from the second audio transducer instead of the third audio transducer.

17. The method of claim 14, further comprising setting the configuration in an audio device between the plurality of audio transducers and a computer system, wherein said configuration is received from the computer system.

18. The method of claim 17, wherein the configuration is input by a user utilizing a graphical user interface (GUI).

19. The method of claim 18, further comprising:
allowing a user to select one of an input or output audio transducer; and

automatically selecting a default corresponding input or output audio transducer according to the user's selection.

20. The method of claim 14, wherein the third audio transducer is a telephony device and is turned on by going off hook.

5 21. The method of claim 14, further comprising setting the configuration in an
audio device coupled to the plurality of audio transducers, said audio device being a sound
card.

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000	1,250,000	1,300,000	1,350,000	1,400,000	1,450,000	1,500,000	1,550,000	1,600,000	1,650,000	1,700,000	1,750,000	1,800,000	1,850,000	1,900,000	1,950,000	2,000,000	2,050,000	2,100,000	2,150,000	2,200,000	2,250,000	2,300,000	2,350,000	2,400,000	2,450,000	2,500,000	2,550,000	2,600,000	2,650,000	2,700,000	2,750,000	2,800,000	2,850,000	2,900,000	2,950,000	3,000,000	3,050,000	3,100,000	3,150,000	3,200,000	3,250,000	3,300,000	3,350,000	3,400,000	3,450,000	3,500,000	3,550,000	3,600,000	3,650,000	3,700,000	3,750,000	3,800,000	3,850,000	3,900,000	3,950,000	4,000,000	4,050,000	4,100,000	4,150,000	4,200,000	4,250,000	4,300,000	4,350,000	4,400,000	4,450,000	4,500,000	4,550,000	4,600,000	4,650,000	4,700,000	4,750,000	4,800,000	4,850,000	4,900,000	4,950,000	5,000,000	5,050,000	5,100,000	5,150,000	5,200,000	5,250,000	5,300,000	5,350,000	5,400,000	5,450,000	5,500,000	5,550,000	5,600,000	5,650,000	5,700,000	5,750,000	5,800,000	5,850,000	5,900,000	5,950,000	6,000,000	6,050,000	6,100,000	6,150,000	6,200,000	6,250,000	6,300,000	6,350,000	6,400,000	6,450,000	6,500,000	6,550,000	6,600,000	6,650,000	6,700,000	6,750,000	6,800,000	6,850,000	6,900,000	6,950,000	7,000,000	7,050,000	7,100,000	7,150,000	7,200,000	7,250,000	7,300,000	7,350,000	7,400,000	7,450,000	7,500,000	7,550,000	7,600,000	7,650,000	7,700,000	7,750,000	7,80																																																																